RIKIN
Safety Shoes

MAKE IN INDIA

Cleanroom Safety Shoes

Rikin is a division of **Subham Safety Group** which is dedicated to provide you with innovative safety solutions from last 30 years,

Started in 1995 as trading company selling PPE, we have transformed ourselves into one of the largest provider of Industrial Safety Solutions. Presence in 8 cities across the nation, a product range of over 3000 SKU's and warehousing facility of over 40,000sft, We try to meet all your safety needs in time.

Our 50+ team members work like a family to serve you with latest and best safety equipments.

Rikin was started to solve a long standing problem in Pharma industry which was a need for washable safety shoe.

Mission Statement

Our mission is to provide the cleanroom industry with trusted, high-performance footwear solutions by focussing on:

·Reliability and Compliance
Manufacturing footwear that meets international cleanroom and safety standards to ensure performance, durability, and hygiene.

·Customer Focus
Offering tailored solutions that meet specific industry needs, building long-term relationships based on service and trust.

·Innovation and Technology
Continuously improving designs and materials to enhance comfort, safety, and contamination control.

·Operational Efficiency
Ensuring timely delivery and consistent quality through streamlined manufacturing and quality assurance.

·Sustainability and Responsibility
Adopting ethical manufacturing practices and promoting environmental responsibility throughout our processes.

Vision Statement :

To be the most trusted global brand in cleanroom safety footwear—driven by quality, innovation and a commitment to growth."

Patents and Certifications

पेटेंट कार्यालय,भारत सरकार The Patent Office, Government Of India
पेटेंट प्रमाण पत्र | Patent Certificate

पेटेंट सं. / Patent No. : 465929
आवेदन सं. / Application No. : 201941006703
फाइल करने की तारीख / Date of Filing : 20/02/2019
पेटेंटी / Patentee : NITIN SINGHI

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित "SAFETY SHOE MADE OF EVA MATERIALS WITH HARD TOE MADE OF COMPOSITE MATERIAL" नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख फरवरी 2019 के बीसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled "SAFETY SHOE MADE OF EVA MATERIALS WITH HARD TOE MADE OF COMPOSITE MATERIAL" as disclosed in the above mentioned application for the term of 20 years from the 20th day of February 2019 in accordance with the provisions of the Patents Act,1970.

Date of Grant : 06/11/2023
Controller of Patents

Note : The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 20th day of February 2021 and on the same day in every year thereafter.

Patent- Cleanroom Shoes

पेन्ट्रल इन्स्टीट्यूट ऑफ प्लास्टिक्स इन्जीनियरिंग एण्ड टेक्नॉलाजी
रसायन एवं पेट्रोरसायन विभाग
रसायन एवं उर्वरक मंत्रालय, भारत सरकार)
CIPET

CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY
(Department Of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)
H.C.L. Post, IDA - Phase - II, Cherlapally, Hyderabad - 500 051.
Phone : 040-27263750, 27263815, Fax : 91-40-27264051
E-mail : hyderabad@cipet.gov.in
Web : www.cipet.gov.in

NABL CERT No. T-0628

सिपेट/हैदराबाद/परीक्षण/2017-18 दिनांक : 09.01.2018
CIPET/HYD/PTG/2017-18 Date : 09.01.2018

सेवा में,
To

M/s Rikin Solutions,
Part # 1, Singhi Industrial Estate,
Pudur Village,
Medchal – 501 201

विषय :– परीक्षण प्रतिवेदन – सदर्भ में ।

Sub : Issue of test report
Ref : Your PO No. 1711041 & Dated: 04.12.2017

प्रिय महोदय, / Dear Sir,

उपरोक्त विषय के सदर्भ में, कृपया इस पत्र के साथ परीक्षण प्रतिवेदन सं : 1707746 दि.09.01.2018 .तथा प्रतिपुष्टी प्रारुप संलग्नीय है । कृपया इसे भरकर हमें वापस लौटा दे ।

With reference to the above cited subject, we are enclosing herewith Test Report No.1707746 dated: 09.01.2018 and Invoice. We are also enclosing herewith feedback form. Kindly fill it and sent it back to us.

धन्यवाद तथा अच्छी सेवा के आश्वासन के साथ ।

Thanking you and assuring you of our best services.

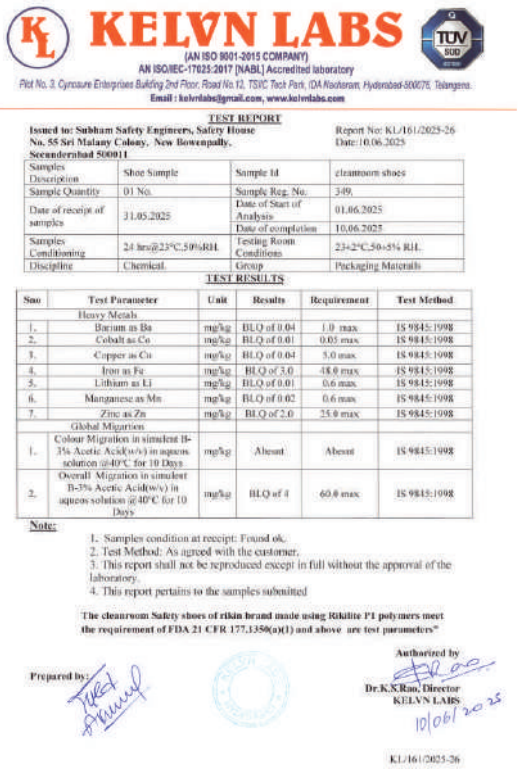
आपका भवदिय, / Yours faithfully,

वि. किरण कुमार / (V.Kiran Kumar)
नीदेशक एंव प्रमुख / Director & Head

संलग्न : यथोपर / Encl : As above

प्रधान कार्यालय : सिपेट, गिंडी, चेन्नई - ६०० ०३२.
Head Office : CIPET, Guindy, Chennai - 600 032.

CIPET Report



KELVN LABS
(AN ISO 9001-2015 COMPANY)
AN ISO/IEC-17025:2017 [NABL] Accredited laboratory
Plot No. 3, Cynosure Enterprises Building 2nd Floor, Road No.12, TSIIC Tech Park, IDA Nacharam, Hydrabad-500076, Telangana.
Email : kelvnlabs@gmail.com, www.kelvnlabs.com

TEST REPORT

Issued to: Subham Safety Engineers, Safety House
No. 55 Sri Malany Colony, New Bowenpally,
Secunderabad 500011

Report No: KL/161/2025-26
Date: 10.06.2025

Samples Description	Shoe Sample	Sample Id	cleanroom shoes
Sample Quantity	01 No.	Sample Reg. No.	349.
Date of receipt of samples	31.05.2025	Date of Start of Analysis	01.06.2025
		Date of completion	10.06.2025
Samples Conditioning	24 hrs@23°C,50%RH.	Testing Room Conditions	23±2°C,50±5% RH.
Discipline	Chemical.	Group	Packaging Materials

TEST RESULTS

Sno	Test Parameter	Unit	Results	Requirement	Test Method
	Heavy Metals				
1.	Barium as Ba	mg/kg	BLQ of 0.04	1.0 max.	IS 9845:1998
2.	Cobalt as Co	mg/kg	BLQ of 0.01	0.05 max.	IS 9845:1998
3.	Copper as Cu	mg/kg	BLQ of 0.04	5.0 max.	IS 9845:1998
4.	Iron as Fe	mg/kg	BLQ of 3.0	48.0 max.	IS 9845:1998
5.	Lithium as Li	mg/kg	BLQ of 0.01	0.6 max.	IS 9845:1998
6.	Manganese as Mn	mg/kg	BLQ of 0.02	0.6 max.	IS 9845:1998
7.	Zinc as Zn	mg/kg	BLQ of 2.0	25.0 max.	IS 9845:1998
	Global Migartion				
1.	Colour Migration in simulent B-3% Acetic Acid(w/v) in aqueous solution @40°C for 10 Days	mg/kg	Absent	Absent	IS 9845:1998
2.	Overall Migration in simulent B-3% Acetic Acid(w/v) in aqueous solution @40°C for 10 Days	mg/kg	BLQ of 4	60.0 max.	IS 9845:1998

Note:
1. Samples condition at receipt: Found ok.
2. Test Method: As agreed with the customer.
3. This report shall not be reproduced except in full without the approval of the laboratory.
4. This report pertains to the samples submitted

The cleanroom Safety shoes of rikin brand made using Rikilite PI polymers meet the requirement of FDA 21 CFR 177.1350(a)(1) and above are test parameters"

Prepared by:
Authorized by
Dr.K.S.Rao, Director
KELVN LABS
10/06/2025

KL/161/2025-26

FDA (Food Grade) Report

DAkkS Deutsche Akkreditierungsstelle D-PL-11339-01-00
FDDI

INTERNATIONAL TESTING CENTRE
Accreditation for ISO/IEC 17025: 2005 by Dakks, Germany

TEST CERTIFICATE

Supplier : Subham Safety Engineers
Contact : Mr. Nitin Singh
Material : Shoes (Size 9)
Code : –
Specification : IS 15298-3: 2018
Job Start Date: 20.11.2020

Job No : 2K2011142
Date of Entry: 18.11.2020
Page : 1/1
Colour : Black
Completion Date: 20.11.2020

Laboratory Environment
Temperature : 27 ± 3°C
Relative Humidity : 65 ± 5%
Sample was conditioned for 48 hours.

S. No.	Test Name	Clause	Value	Requirement
a.	Impact resistance	5.1.2.3.	15 mm No Crack was observed	14.5 mm (min.) toecap shall not develop any cracks on the test axis.

Rajesh Mishra (Senior Technologist)
Shailendra Saxena (Chief Technologist & Head Physical Laboratory)

1. This report is for technical information of the client only. Not for advertisement, promotion, publicity, litigation or legal purpose.
2. This institute shall be indemnified against any dispute arising out of issue of this report.
3. Sample not drawn by FDDI and the test results relate only to the material tested.
4. The report must not be reproduced except in full without approval of FDDI.

FOOTWEAR DESIGN & DEVELOPMENT INSTITUTE
MINISTRY OF COMMERCE & INDUSTRY, GOVERNMENT OF INDIA

FDDI Report

Quality Control & Testing Capabilities

At our manufacturing facility, quality assurance is a cornerstone of our operations. Each footwear undergoes a comprehensive series of tests to validate its performance, safety, and compliance with industry standards.

In total, we conduct approximately 24 quality checks, a few of which are highlighted below:

- Toe Impact Test

Evaluates the ability of the toe cap to withstand sudden impact, ensuring protection against common workplace hazards and compliance with international safety norms.

- Abrasion Resistance Test

Measures the durability of outsole and upper materials under repeated friction, simulating prolonged usage in demanding environments.

- Flexing Test

Assesses the endurance of soles and upper materials under repeated flex cycles, ensuring the product maintains structural integrity and comfort over time.

- Tensile Strength Test

Determines the breaking strength of key materials such as straps and linings, ensuring they can withstand operational stress without failure.

- Compression Test

Validates the footwear's resistance to compressive forces, particularly in the toe region, confirming compliance with safety footwear standards.

- Temperature Resistance Test

Tests product performance across high and low temperature extremes to ensure stability and reliability in varied working conditions.

- Wash Cycle Test

Wash Cycle test is performed on every new product and batch.

These are only a few of the 24+ standardized tests our QC department performs. Additional evaluations include slip resistance, ESD compliance, hydrolysis resistance, bonding strength, and chemical resistance, among others.

Our rigorous approach ensures that every product delivered to our clients is safe, reliable, and engineered to perform consistently in critical cleanroom environments such as laboratories, Electronics, Food and pharmaceuticalmanufacturing.

Why Washable Cleanroom Shoes ?

Cleanroom shoes are better because they:

- **Drastically cut down on single-use plastic waste entering landfills.**
- **Are made from durable, recyclable materials that support long-term use.**
- **Maintain contamination control and safety without disposable plastic reliance.**
- **Align with environmental responsibility goals by reducing plastic pollution.**

This makes washable Cleanroom shoes an environmentally responsible, cost-effective, and practical choice for cleanroom environments.

The Below Chart Explains how much saving can we make for the environment by a simple switch.

Plastic used and Landfill space in Rikin Shoes vs Single Use Plastic Shoe Covers

Usage Period	Washable Shoes (Reusable)			Plastic Shoe Covers (Disposable)		
	Qtty	Plastic Used	Landfill CBM		Plastic used	Landfill CBM
1 Day	1 pair	-	**Can be Recycled**	4 pairs	50gms	
1 Month	1 pair	-		80 pairs	1 kg	
6 Months	1 pair	**700gms**		480 pairs	6kg	
1 Year	2 pair	**1.4kg**		960 pairs	12kg	
5 Years	10 pair	**7kg**		4,800 pairs	60kg	1.44cbm
x 500 employees	5000 pair	**3500kg**		2400000 pairs	30000kg	720cbm

For a company with appx 500 employees in a year approximately
The commercial saving may be approximately 30-40% only.,
considering cost of shoe+ washing vs Shoe cover and its disposal.

But by choosing to be enviromentally responsible and using Washable Cleanroom shoes we can reduce plastic usage by more than 85% and totally avoid 720cbm of landfill.

Calculations :

- Each person uses a minimum of 4 shoe covers per day
  (2 pairs: one pair before lunch, one pair after lunch,
  and 2 more covers for washroom / Tea breaks)

- Approx. folded size of shoe cover: 20×15×1cm=300 cm^3= 0.0003 m^3
- Volume of 4,800 Pairs (Uncompressed) 4,800 × 0.0003 m^3 = 1.44 m^3

Cost of Shoe : 1000rs, cost of shoe Cover 3rs x 480/ pair = 1500,
Washing Cost to be added and disposal cost to be reduced, net saving appx 30-40%

RIKIN
Safety Shoes

Admire | Admire+
Cleanroom Clogs | Safety Clogs

Anti-Skid | Light Weight
Broad Toe region.

Power Grip Sole

Blitz
Cleanroom Safety Shoes

Extra Thick Sole, AntiFatigue
Standard Ankle for grip

Wave Grip Sole

Comfort
Cleanroom Safety Sandals

Sandal strap for ankle grip
Light weight and ergonmic.

Dotted Sole

Desire
Cleanroom Safety Clogs

Ultra Light weight for comfort.
Low ankle or easy donning /doffing.

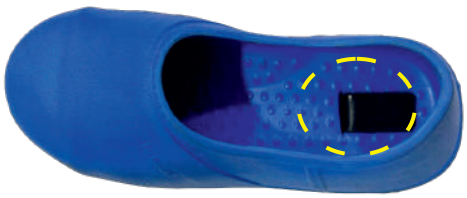
Dotted Sole

Colors, Vent and ESD can be customized on our all 4 Shoes

White, Black, Brown, Blue are standard
Other Colors subject to MOQ

Top+Side Vents (5 top 4 sides)

Perimeter Vents (5 sides 1 back)



Designed to disspiate the Static charge generated by body in ground.

Features and Specs

- Made using **Rikilite P1 polymers.**
- **Non Lintng, No Pasting, No Stitch** on outer surface.
- **Anti-Fatigue Sole** options for 8-10hrs Standing job
- **Lightweight** Safety Footwear starting at **180gms**
- **Broadest toe with padding** meets **EN 20346**
- **Complies FDA 21 CFR 177.1350(a)(1)** and **IS:9845** for contact with Food **(Food Grade)**
- Proprietary sole designs which allows any residue to be cleaned easily & **avoid cross contamination.**
- **Machine Washable and dries instantly**, helps to reduce inventory and operating cost.
- **Resistant** to most **chemicals** and cleaning agents.
- Non-Metallic and Non-Corrosive **Safety Toe**
- **Colour options** to ensure zone wise segregation.
- Tested as per EN Standards and CIPET (NABL),
- **Unisex** design with **sizes from 2-11**

Why Rikin ?

Choose Rikin because We,

Know Our Customers and Conduct In-Depth Research
At Rikin, we prioritize understanding our customers deeply through continuous engagement and advanced research methods.

Commit to Continuous Product Improvement Through Customer Interaction
We actively involve our customers in the product development cycle, gathering feedback and insights that drive ongoing enhancements. This collaborative approach ensures our products evolve to meet changing demands and maintain industry leadership.

Never Compromise on Quality
Quality is our hallmark. From selecting premium raw materials to rigorous inspection at every stage, we guarantee products that meet the highest international standards. Our commitment to quality is unwavering and backed by strict adherence to global regulations and testing protocols.

Understand the Value of Commitment
We build lasting relationships based on trust and dedication. Beyond just delivering quality products, we provide exceptional service and support, always honoring our commitments to customers worldwide.

How much time to Wash and Dry?
Washing cycle can be customized however we observed a 30 minutes standard machine wash, followed by 10-15 mins in drier machine and then wipe with a cloth shall do the job.

Are the shoes chemical resistant?
Yes, we observed 98% sulphuric acid, 37% HCL didn't penetrate when it was poured on the shoe, giving user essential time to take a proper response.

Are these Anti Static?
No, but we can provide ESD Strips to dissipate the charge,
It is recommended only if your flooring is conductive.

Will they decolor after abrasion / chipping?
We used pre-coloured granules so it remains same.

Are there different models for Ladies and Gents?
All shoes are Unisex and available from size 2 12

Can these be Sterilized ?
These can't be autoclaved but can be sterilized using ETO / GAMA Radiation.

What is the life of the shoes?
For Cleanroom application we recommend the life of shoe to be 6 months, as
1.Wear on Upper Surface may attract particles that can affect compliance.
2.Frequent Washing and particularly handling while washing can lead to material fatigue and degradation.
3.Extended use may cause discomfort as the inner comfort liner wears out.
4.The unique wave grip pattern, designed to resist particle absorption, wears down after approximately 6 months, potentially reducing traction.

Can These be recycled?
Yes and we also have a recycle program, you may contact us for details

Some of our Valuable Clients

Disclaimer: All logos and brand names of our customers shown here are the property of their respective owners. They are used for identification and acknowledgment purposes only, and do not imply endorsement or affiliation.

RIKIN
Safety Shoes

Contact Us

RIKIN
Safety Shoes

A Division of **Subham Safety Engineers**

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Pudur Village, Medchal , Telanagana State, 501401

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Secunderabad, Telangana State, India, 500009,

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Authorised Channel Partner